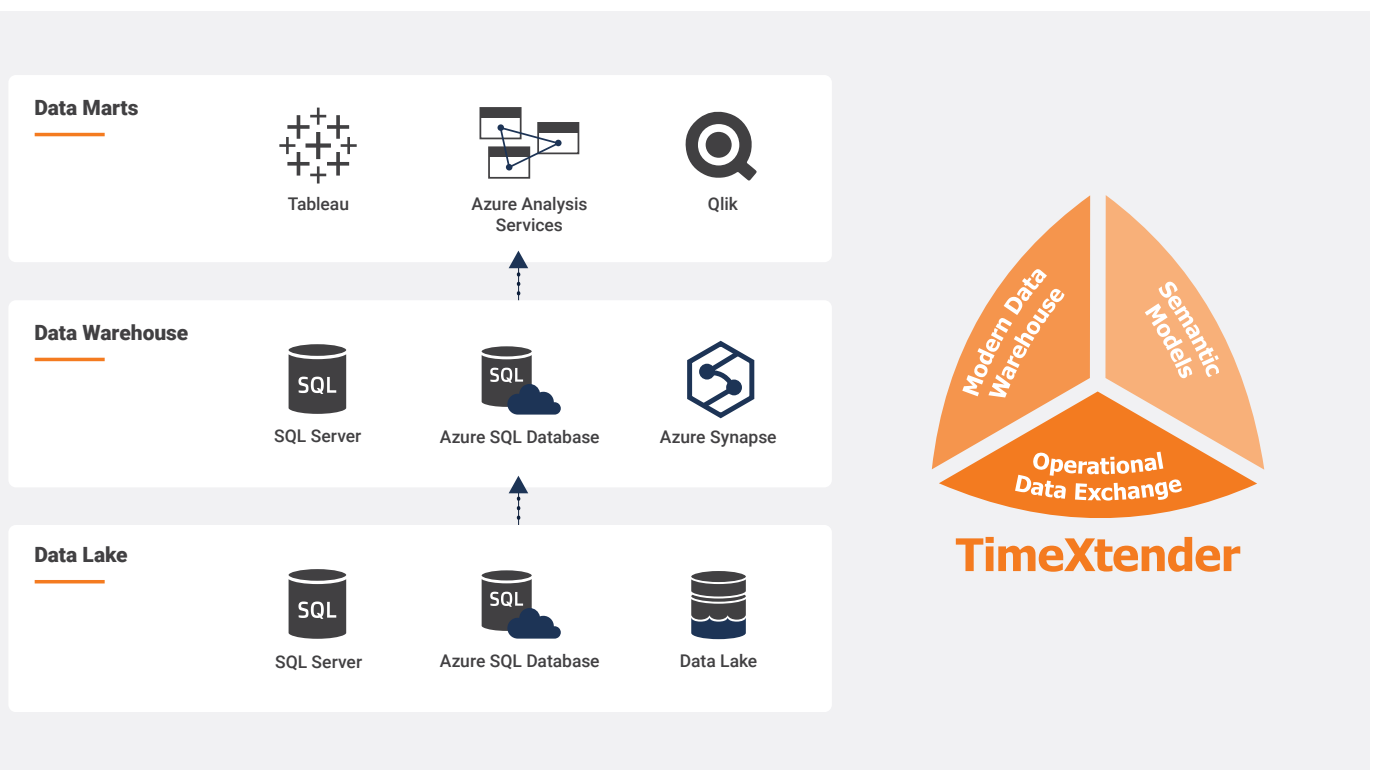


# The Automated Way to Build a Modern Data Estate

Implement and Operate Data Lakes, Warehouses, and Marts 10x Faster



**Your organization has decided to build or modernize a data estate for analytics and AI, and you want to accomplish this in shortest possible timeframe. Data projects typically require large, highly skilled teams and months of development. Building a data estate also requires a wide range of tools that often don't integrate, which usually leaves the process remaining mostly manual.**

Companies like yours are turning to automation using a single, unified tool for end-to-end creation and maintenance of data lakes, warehouses and marts. This change shortens project cycles, simplifies development, and reduces the cost of building a data estate.

TimeXtender is an integrated data management platform that provides a no-code environment to automate data modeling, integration, extraction, cleansing, loading, and documentation. This automation enables the building of data lakes, warehouses, and marts 10x faster than traditional processes.

## The Value of an Integrated Data Management Platform Driven by AUTOMATION

### Speed – accelerate implementation of a complete modern data estate by 10x

- Expedite development with automated code-generation, freeing data engineers to focus on data quality and business requirements
- Avoid building custom datasets for each request and easily add additional data sources and elements to speed up maintenance and reduce backlog
- Define data marts once and generate multiple models for self-service analytics with metadata-based modeling

### Simplicity – converge multiple data tools to reduce project complexities

- Limit the required number and types of highly skilled resources by using a single tool to build your data lake, data warehouse, and data marts
- Build and maintain the complete data estate - not just a narrow portion - with highly integrated capabilities
- Ensure your data estate is fully scalable and ready to adopt future releases and new technologies with easily changed deployment models (on-premises, cloud, hybrid) or data platforms (SQL Server, Azure SQL, Data Lake, Synapse)
- Manage and transfer data between multiple environments (Dev, Test, Production) quickly and easily without writing additional code

### Documented – at every stage of your data's journey

- Automated generation of complete documentation from project metadata
- Deliver full end-to-end data lineage and impact analysis
- Identify and secure sensitive data while maintaining and documenting access rights
- Demonstrate compliance with internal and regulatory requirements

**TimeXtender enables Data Engineers to spend time working on what matters while avoiding repetitive, mundane tasks such as:**

- Writing, reviewing and debugging countless lines of SQL code
- Tedious data type conversions
- Generating huge and complex ETL flows for simple use cases
- Developing, testing, debugging, and maintaining critical data source connections
- Manually translating work to provide the same data to different endpoints
- Manually administering object dependencies when setting up executions
- Manually optimizing orchestration tasks
- Managing separate deployment of DDL and ETL code - in a specific order
- Managing complex interaction between multiple platforms e.g. data lake -> SQL
- Countless hours spent trying to trace complex ETL to identify problem areas (data lineage)
- Constant performance analysis and adjusting ETL flows to ensure efficient executions
- Manually adjusting indexes to support efficient ETL flows
- Writing documentation
- Maintaining old versions of project code
- Managing the hand-over and deployment of massive amounts of complex code for an environment transfer
- Figuring out how to "rollback" to a previous version

TimeXtender's mission is to empower every person in every organization with instant access to data, enabling them to make quality business decisions with data, mind and heart. We do this for one reason: because time matters. A Microsoft Gold Certified Partner, TimeXtender serves its 3,000+ customers through a global network of partners.